

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012365

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01K13/00 G01K1/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 056 435 A (POMPEI FRANCESCO) 2 May 2000 (2000-05-02) claim 1; figures 1,2	1-3,9
Y	US 4 993 419 A (GAUDET JR PHILIP R ET AL) 19 February 1991 (1991-02-19) column 13, line 27 - column 13, line 41; figure 8B	1-3,9
A	EP 0 786 649 A (THERMOSCAN INC) 30 July 1997 (1997-07-30) the whole document	1-9
A	US 2002/191670 A1 (CHANG CHARLES ET AL) 19 December 2002 (2002-12-19) the whole document	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

Date of mailing of the international search report

9 March 2005

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/012365

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6056435	A 02-05-2000	EP 0991926 A1 JP 2002507904 T WO 9859227 A1 US 2003169800 A1 US 6299347 B1 US 2005031014 A1 US 2002114375 A1		12-04-2000 12-03-2002 30-12-1998 11-09-2003 09-10-2001 10-02-2005 22-08-2002
US 4993419	A 19-02-1991	CA 2004743 A1 DE 68928083 D1 DE 68928083 T2 DE 68929421 D1 EP 1136801 A1 EP 0447455 A1 EP 0763349 A2 JP 2809503 B2 JP 4504367 T WO 9006090 A1 US 5653238 A US 5012813 A US 5271407 A US 5199436 A US 2004122338 A1 US 6047205 A US 5445158 A US 2001027274 A1 US 5325863 A		06-06-1990 03-07-1997 02-01-1998 26-09-2002 26-09-2001 25-09-1991 19-03-1997 08-10-1998 06-08-1992 14-06-1990 05-08-1997 07-05-1991 21-12-1993 06-04-1993 24-06-2004 04-04-2000 29-08-1995 04-10-2001 05-07-1994
EP 0786649	A 30-07-1997	EP 0786649 A2 AU 587090 B2 AU 6602186 A CA 1265355 A1 CA 1314407 A , B DE 3650723 D1 DE 3650723 T2 DE 3650770 D1 DE 3650770 T2 DE 219531 T1 DE 786649 T1 EP 0219531 A1 JP 6063851 B JP 62503119 T US 4797840 A WO 8606163 A1 US RE34789 E		30-07-1997 03-08-1989 02-06-1988 06-02-1990 16-03-1993 19-08-1999 16-03-2000 08-08-2002 27-02-2003 13-08-1987 14-05-1998 29-04-1987 22-08-1994 10-12-1987 10-01-1989 23-10-1986 15-11-1994
US 2002191670	A1 19-12-2002	NONE		